NAIP 2005 Planning Meeting
Lessons Learned

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Lessons Learned

- No automated system to manage and track contractor performance
  - Cannot verified weather
  - How do we "Rate performance" due to weather
- Last minute changes to contract
  - TN, Fresno Co. & State Plane CCMs
- "Known" errors in DEM data
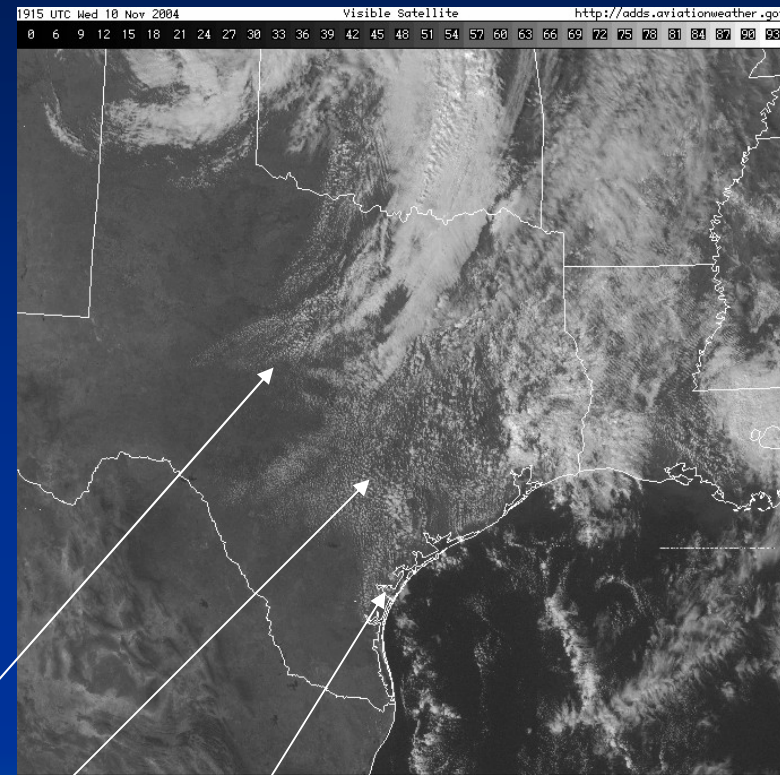 - No method to publish corrections to USGS data

Verifying Weather

- Cannot determine weather from satellite
- Need to access weather directly from stations
- Hundreds of sites

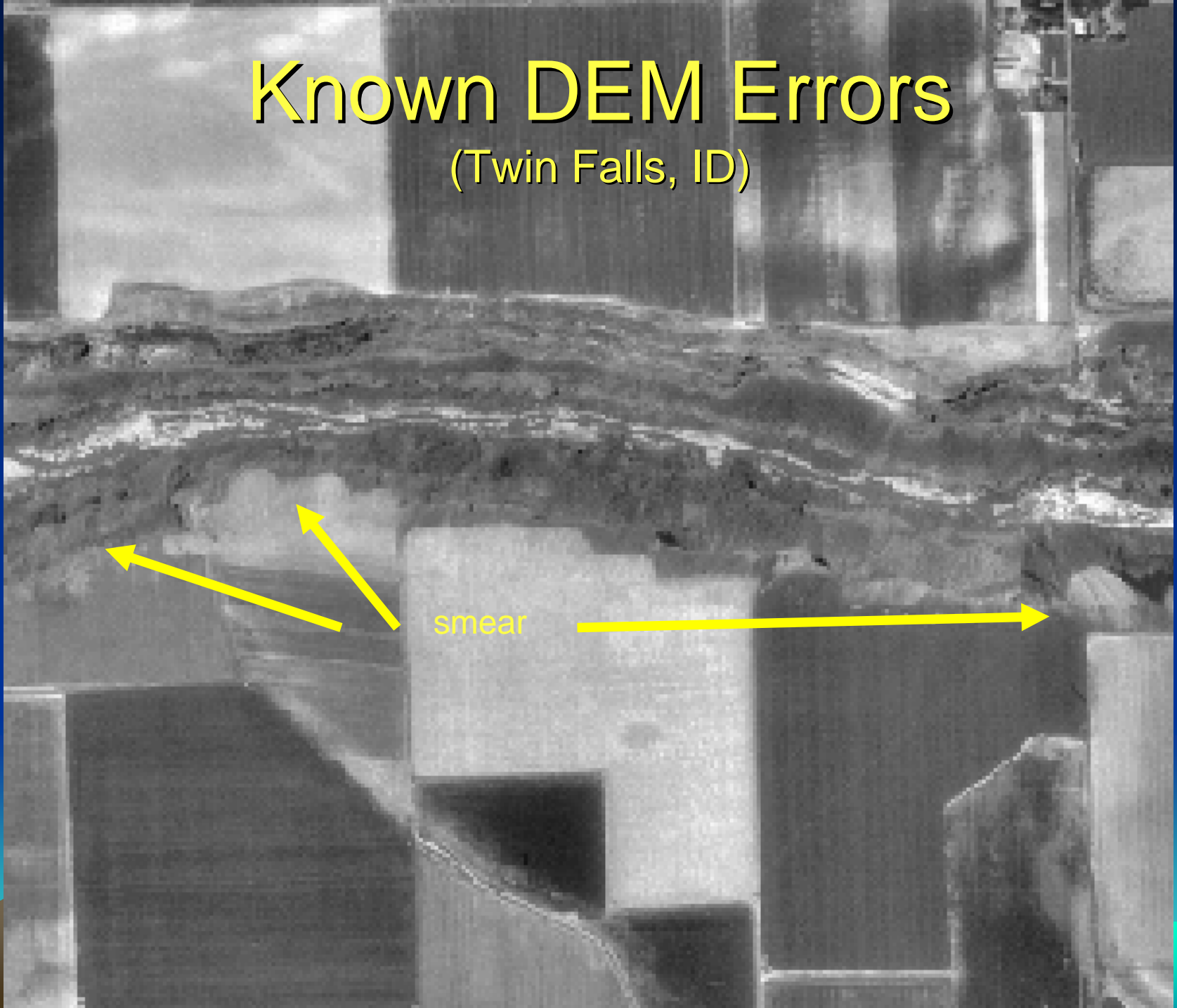KABI 101852Z 25013KT 10SM CLR 22/11 A2995

KSAT 101853Z 18011KT 10SM SCT046 26/14 A3000

KCRP 101851Z 16017KT 10SM SCT047 BKN060 29/16 A2999
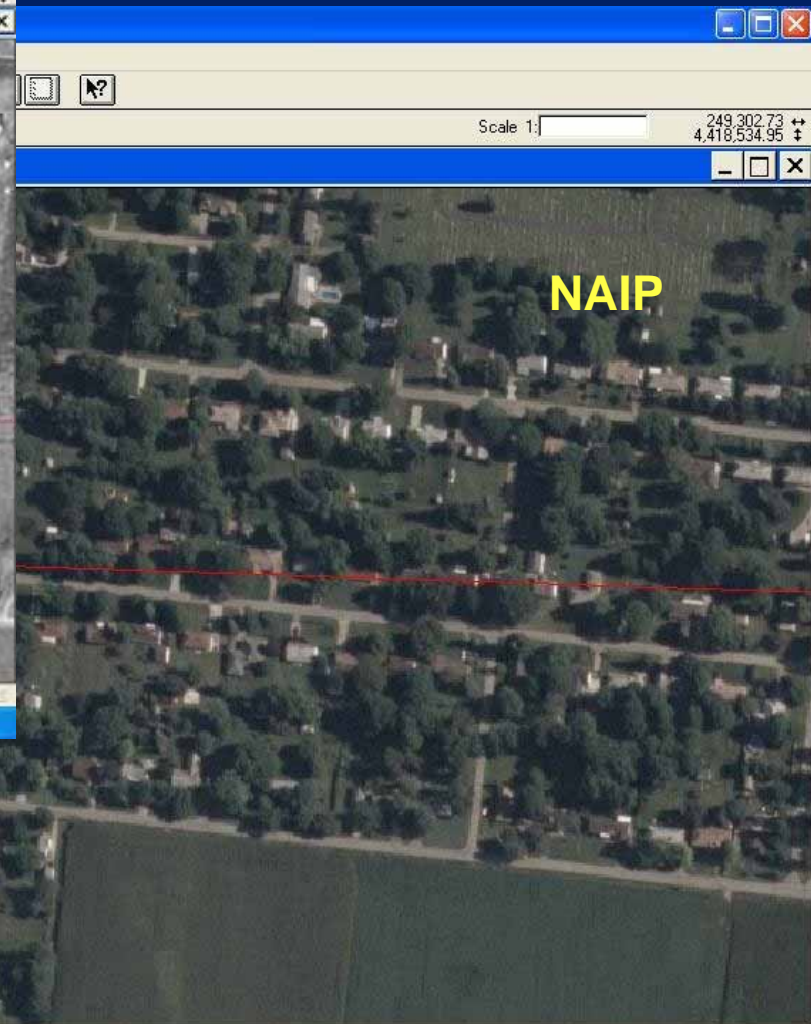
Known DEM Errors
(Twin Falls, ID)

smear

Lessons Learned (con't)

- Current contract requires imagery to "match" old MDOQs
  - NAIP is significantly more accurate
- Late in shipping MDOQs to contractors
  - Approx 1,800 CDs
- No back-up plan when unable to acquire imagery (i.e., due to weather)

MDOQ Mosaic vs CCMs

Lessons Learned (con't)

- Radiometric balance requirement caused "too much" color balance
  - Need to find a "balance" between this year and last year's checker board effect
- Lack of single focal point for states and WDC contact
- CD format – UNIX vs Windows
- Need states to set flying priority (S to N)
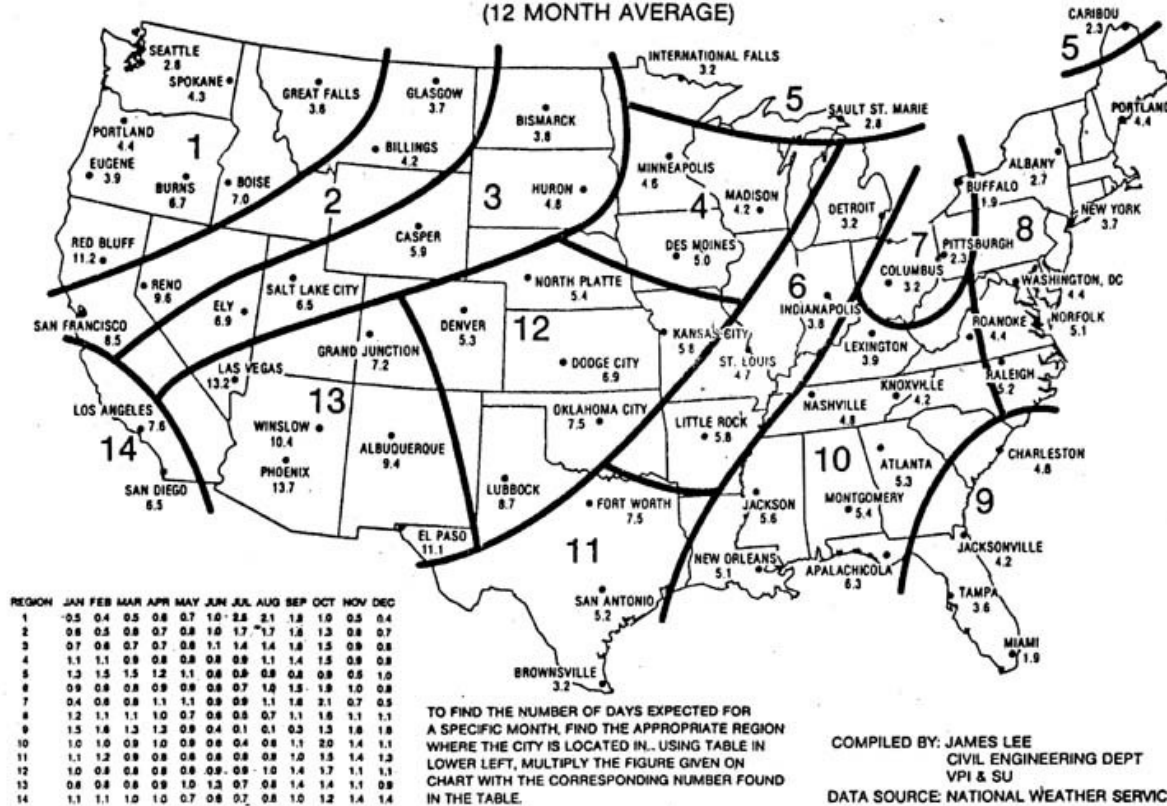
Lessons Learned (con't)

- Season Planning
  - Not enough time in acquisition season to flying imagery
- Created a "working model" to forecast necessary season
  - Used 1985 data from ASPRS
  - "Prorated" weather data across whole state
  - Determines the number of aircraft needed

Season Planning (con't)

Spreadsheet

Conclusion

- No automated management system
- Matching CCMs to MDOQ is not providing the "best" product
- No single POC for NAIP